



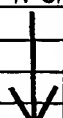
PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1001 PTO		Complete if Known			
		Application Number	10/749,995		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Filing Date	12/31/2003		
		First Named Inventor	Z. Shpiro		
		Art Unit	2644		
		Examiner Name	Not yet assigned		
Sheet	1	of	5	Attorney Docket Number	37818-6189

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/PS/ ↓	A	US- 5,010,495	04/23/91	Willets	
	B	US- 5,679,001	10/21/97	Russell et al.	
	C	US- 5,791,904	08/11/98	Russell et al.	
	D	US- 5,857,173	01/05/99	Beard et al.	
	E	US- 6,151,577	11/21/00	Braun	
	F	US- 6,226,611	05/01/01	Neumeyer et al.	
	G	US- 6,397,185	05/28/02	Komissarchik et al.	
	H	US- 20020150871 A1	10/17/02	Blass et al.	
	I	US- 20020160341 A1	10/31/02	Yamada et al.	
	J	US- 20030028378 A1	02/06/03	August et al.	
/PS/ ↓		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	† ⁵
		Country Code ² Number ³ Kind Code ⁴ (if known)				
/PS/	K	EP1083536	03/14/2001	Chandrasekaran		
	L	EP0665523 A3	08/02/1995	Bishop		
	M	WO 01/52237	07/19/2001	Markov		
	N	WO 99/13446	03/18/1999	Gottesfeld		
	O	WO 98/14934	04/09/1998	Neumeyer		
/PS/	P	JP2000395975	02/08/2002	Tei		

Examiner Signature	/Paras Shah/ (04/12/2007)	Date Considered	04/12/2007
--------------------	---------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	2	of	5
-------	---	----	---

Application Number	10/749,996
Filing Date	12/31/2003
First Named Inventor	Z. Shpiro
Art Unit	2644
Examiner Name	Not yet assigned
Attorney Docket Number	37818-6189

[illegible][illegible]

04/12/2007

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/749,996
Filing Date	12/31/2003
First Named Inventor	Z. Shpiro
Art Unit	2644
Examiner Name	Not yet assigned
Attorney Docket Number	37818-6189

Sheet 3 of 5

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/PS/	R	Abstract from presentation "Speech Recognition Using Multi-State Acoustic and Articulatory Features Models with Asynchronous States Transition", at ICASSP2002.	
	S	Abstract from presentation "Speech Processing: Confidence Measures/Rejection", at ICASSP2003.	
	T	Ehsani et al, "Speech Technology In Computer-Aided Language Learning: Strengths and Limitations of a New Call Paradigm," LLT Journal, Vol. 2, No. 1,	
	"	July 1999 at 45-60; also available at http://lt.msu.edu/vol2num1/article3/index.html , May 13, 2001, pp. 1-23.	
	U	Russell et al, "The STAR System: An Interactive Pronunciation Tutor for Young Children", Computer Speech and Language (2000), Vol. 14, Article No.	
	"	10.1006/csla.2000.0139, 2000, Academic Press, pp. 161-175.	
	V	D. Herron et al., "Automatic Localization and Diagnosis of Pronunciation Errors for Second-Language Learners of English", Proc. 6th European Conference on	
	"	Speech Communication and Technology (1999), Budapest, Hungary, pp. 855-858.	
/PS/	W	B. Mak et al., "PLASER: Pronunciation Learning via Automatic Speech Recognition", Proceedings of HLT-NAACL03 (May 2003).	

Examiner Signature	/Paras Shah/ (04/12/2007)	Date Considered	04/12/2007
--------------------	---------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/749,996		
		Filing Date	12/31/2003		
		First Named Inventor	Z. Shpiro		
		Art Unit	2644		
		Examiner Name	Not yet assigned		
Sheet	4	of	5	Attorney Docket Number	37818-6189

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/P.S./	X	Petrushin, V., "Learning Chinese Tones", Eurospeech 2003 - Geneva, pp. 3145-3148.	
/P.S./	Y	Neumeyer et al, "WebGrader™: A Multilingual Pronunciation Practice Tool", Proc. Speech Technology in Language Learning Workshop, Stockholm, Sweden, 1998.	
/P.S./	Z	Dalby et al, "Explicit Pronunciation Training Using Automatic Speech Recognition Technology", 1999 CALICO Journal, Volume 16, Number 3, pp 425-445.	
/P.S./	AA	Witt et al, "Computer-assisted Pronunciation Teaching based on Automatic Speech Recognition", Proc. Language Teaching on Technology, 1997, pp. 1-12.	
/P.S./	AB	Human Language Technology Office, Workshop overview from "Building Educational Applications Using Natural Language Processing", HTL/NAACL 2003 Workshop,	
/P.S./	"	May 31, 2003 Edmonton, Canada, available at http://www.etstechnologies.com/NAACL/ .	
/P.S./	AC	Chang, Kin Wah, Abstract from "Pruning of Hidden Markov Model with Optimal Brain Surgeon", MPhil Thesis Presentation, The Hong Kong University of	
/P.S./	"	Science & Technology, Department of Electrical & Electronic Engineering, available at http://www.ee.ust.hk/announce/MPhil/CHAN.htm , May 2003	
/P.S./	AD	Mak, Brian K W, Project Summary from "Effective Learning Of English Pronunciation Via Speech Recognition Technology", available at	
/P.S./	"	http://rdportal.ust.hk/members/servlet/ResearchProjectDetails?Prj_No=QEF99/00.EG01 , May 2000.	

Examiner Signature	/Paras Shah/	Date Considered	06/08/2007
--------------------	--------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/749,996		
		Filing Date	12/31/2003		
		First Named Inventor	Z. Shpiro		
		Art Unit	2644		
		Examiner Name	Not yet assigned		
Sheet	5	of	5	Attorney Docket Number	37818-6189

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/P.S./	AE	International Search Report for PCT Application No. PCT/US03/41709.	

Examiner Signature	/Paras Shah/	Date Considered	06/08/2007
-----------------------	--------------	--------------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.